PM GCSS-Army's NT Advisory Group Support

Status Report

July 8, 1999

PM GCSS-Army Leadership

- Task 5.4 Internet Information Server (IIS)
- Task 5.8 Microsoft Message Queue Server (MSMQ)
- Task 6.1 Windows 2000 Security Model Evaluation and Recommendations
- Task 6.1.1 Windows 2000 Public Key Infrastructures (PKI)
- Task 6.2 Windows 2000 Active Directory

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PM GCSS-Army NTAG Plan: Status Points

- Task Plans: Strategic (scope, objectives, effort, schedule, required resources) and Tactical (detailed plan)

- Task Execution Methods:
  - Microsoft Materials: identified and as is from vendor
  - Test & Evaluate: familiarize and experiment
  - Research & Development: investigate and configure
  - Outsource: solicit participation from other parties
  - Government Materials: identified and as is

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Status Points (cont.)

- Papers: produce and deliver required documentation; provide knowledge base
- Demonstrations: prepare and conduct
- Briefings: produce and present a briefing to the NTAG
- Requirements: generate as appropriate

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Task Lead Roles: Status Summary

	Phase I	Phase II	Phase III: Execute					Phase IV: Results			
	Strategic Plan	Tactical Plan	Microsoft Materials	Test & Eval.	R & D	Outsource	Gov't. Materials	Papers	Demos	Briefings	Rqmts.
MSMQ	+	+	+	*	+	X	X	+	X		
IIS	+	+				*	X				
Active Directory	+	+	+			X					
Security Model Mgmt.	NA	NA		X	X	X			X	X	X
PKI	+	+				X					

+ Accomplished or Used   ▮ In process or to be done   **X** None planned   ***** Special case

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Microsoft Message Queue Server Task

- Deliverables:
  - papers:
    - Intro & Architecture
    - Design Considerations
    - Install & Configure
    - Develop. Environment
    - Security
  - briefing
  - requirements

- Status:

    - Internal review
    - 100% complete
    - 100% complete
    - 70% complete
    - 100% complete

  - next NTAG mtg.
  - based on NTAG mtg.

Internet Information Server Task

- Deliverables:
  - paper
  - demonstration
  - briefing
  - requirements

- Status:
  - late August delivery
  - next NTAG mtg.
  - next NTAG mtg.
  - based on comments from briefing
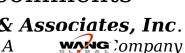
Windows 2000 (NT 5) Active Directory Task

- Deliverables:
  - papers:
    - Intro and Architecture
    - Features
    - ADSI
    - Scalability and Perf.
    - Security
    - UNIX Interoperability
  - demonstration
  - briefing
  - requirements

- Status:
  - all by end of July

  - next NTAG mtg.
  - next NTAG mtg.
  - based on comments

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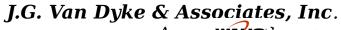*A* **WANG** *Company*

Windows 2000 Security Model &PKI Tasks

- In Oct 98, NTAG:
  - realized that scope was too big
  - divided area into 10 sub-tasks
- Coordination of 10 by PM GCSS-Army
- PKI lead to PM GCSS-Army
- Dec 98 NTAG meeting decided to use Microsoft materials if no others contributed

Security Model Subtasks

- 6.1.1 - Public Key Infrastructure (PKI)
- 6.1.2 - Win32 Crypto API (CAPI)
- 6.1.3 - Virtual Private Networks (VPN)
- 6.1.4 - Smart Card API
- 6.1.5 - Security Configuration Editor
- 6.1.6 - Secure Channel
- 6.1.7 - Kerberos

Windows 2000 (NT 5) Security Model Management Task

- Deliverables:
  - Microsoft documentation

- Status:
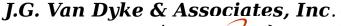 - identification and compilation started; mid-August delivery

Windows 2000 (NT 5) Public Key Infrastructure (PKI) Task

- Deliverables:
  - papers:
    - Intro and Architecture
    - Develop. Environment
    - Design Considerations
    - Install & Configure
    - PKI Applications
  - demonstration
  - briefing
  - requirements

- Status:
  - mid-August delivery

  - next NTAG
  - next NTAG
  - based on briefing

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Lead Status Summary

	Phase I	Phase II	Phase III: Execute					Phase IV: Results			
	Strategic Plan	Tactical Plan	Microsoft Materials	Test & Eval.	R & D	Outsource	Gov't. Materials	Papers	Demos	Briefings	Rqmts.
MSMQ	+	+	+	*	+	X	X	+	X		
IIS	+	+				*	X				
Active Directory	+	+	+			X					
Security Model Mgmt.	NA	NA		X	X	X			X	X	X
PKI	+	+				X					

+ Accomplished or Used   ▨ In process or to be done   **X** None planned   * Special case

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Contact Information

Bob "Fridge" Frees

J. G. Van Dyke and Associates

(703) 916-7184

fridge@wang.com

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